

Ranitidine Tablet on HPLC -Kinetex 2.6µm C18 100x4.6mm - 0.1N NaOH Degradation

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4462-E0

Elution Type: Gradient

Eluent A: 98:2 40mM Potassium Phosphate pH 7.1:ACN

Eluent B: 78:22 40mM Potassium Phosphate pH 7.1:ACN

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	10	0	100

Flow Rate: 1.5 mL/min

Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 230 nm (ambient)

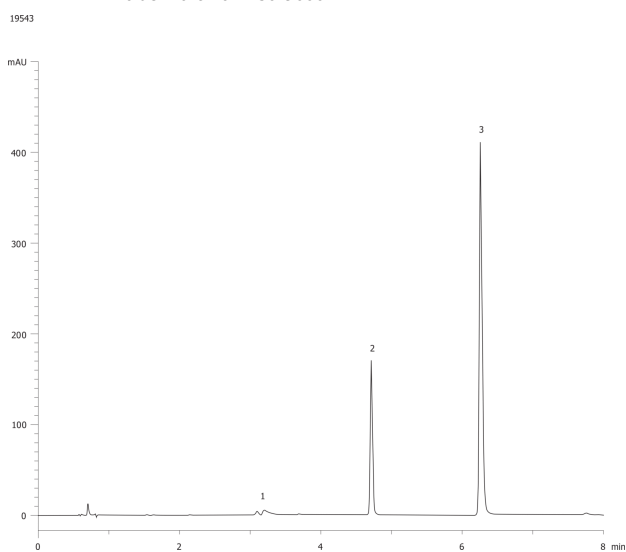
Analyst Note: SecurityGuard™ ULTRA Guard Cartridge System extends column lifetime.

- SecurityGuard ULTRA Cartridges, UHPLC C18 for 4.6mm ID Columns, 3/Pk Part No.: AJ0-8768

- Holder Part No.: AJ0-9000



Products used in this application:



ANALYTES:

- 1** Ranitidine diamine hemifumarate (impurity A)

Retention Time: 3.199 min

- 2** Ranitidine complex nitroacetamide

Retention Time: 4.715 min

- 3** Ranitidine (hydrochloride salt)

Retention Time: 6.258 min

